

Title (en)

Method for obtaining at least one high dynamic range image, and corresponding computer program product, and electronic device

Title (de)

Verfahren zum Erhalten von mindestens einem Bild mit hohem Dynamikumfang und zugehöriges Computerprogrammprodukt und elektronische Vorrichtung

Title (fr)

Procédé d'obtention d'au moins une image à plage dynamique élevée, produit de programme informatique correspondant et dispositif électronique

Publication

**EP 3007431 A1 20160413 (EN)**

Application

**EP 14306603 A 20141010**

Priority

EP 14306603 A 20141010

Abstract (en)

In one embodiment, it is proposed a method for obtaining at least one high dynamic range image via aligning and fusion of at least two low dynamic range images. The method is remarkable in that it comprises: - obtaining a first low dynamic range image, said first low dynamic range image comprising several color components in a color space; - obtaining a second low dynamic range image in said color space, comprising, for at least one component color, at least a part of pixels of said second low dynamic range image, defining a region, for which Euclidean distance between a value of a pixel in said region in said second low dynamic range image and a value of a corresponding pixel in said region in said first low dynamic range image is below a threshold; and said aligning comprising matching features obtained from said at least one component color of said first low dynamic range image and from said at least one component color of said second low dynamic range image.

IPC 8 full level

**H04N 5/235** (2006.01); **H04N 5/232** (2006.01)

CPC (source: EP US)

**G06T 5/90** (2024.01 - US); **G06T 7/30** (2016.12 - EP US); **G06T 11/001** (2013.01 - US); **G06T 11/60** (2013.01 - US); **H04N 23/741** (2023.01 - EP US); **H04N 23/743** (2023.01 - EP US); **H04N 23/951** (2023.01 - EP US); **G06T 2207/10024** (2013.01 - US); **G06T 2207/20208** (2013.01 - US)

Citation (applicant)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3007431 A1 20160413**; US 2016104270 A1 20160414; US 9811890 B2 20171107

DOCDB simple family (application)

**EP 14306603 A 20141010**; US 201514879039 A 20151008